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NOTICE OF ALLOWANCE AND FEE(S) DUE

23117

7590

09/01/2010

NIXON & VANDERHYE, PC 901 NORTH GLEBE ROAD, 11TH FLOOR ARLINGTON, VA 22203

EXAMINER				
BEYEN, ZEWDU A				
ART UNIT	PAPER NUMBER			
2461				

DATE MAILED: 09/01/2010

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/581,320	05/04/2007	Bo Burman	2466-136	3855

TITLE OF INVENTION: METHOD AND APPARATUS FOR ESTABLISHING A COMMUNICATION SESSION BETWEEN TWO TERMINALS

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1510	\$300	\$0	\$1810	12/01/2010

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

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							(Date)
APPLICATION NO.	FILING DATE		FIRST NAMED INVENTOR		ATTOF	RNEY DOCKET NO.	CONFIRMATION NO.
10/581,320	05/04/2007		Bo Burman			2466-136	3855
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APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE	FEE	TOTAL FEE(S) DUE	DATE DUE
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EXAM	INER	ART UNIT	CLASS-SUBCLASS	J			
BEYEN, Z		2461	370-252000				
CFR 1.363). Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Custome Number is required.			(1) the names of up to or agents OR, alternati (2) the name of a single registered attorney or 2 registered patent attorney is the control of	vely, le firm (having as a a agent) and the name orneys or agents. If no printed.	membe	er a 2	
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10/581,320	05/04/2007	Bo Burman	2466-136 3855			
23117 7	590 09/01/2010		EXAMINER			
NIXON & VANDERHYE, PC 901 NORTH GLEBE ROAD, 11TH FLOOR			BEYEN, Z	ŒWDU A		
			ART UNIT PAPER NUMBER			
ARLINGTON, VA 22203			2461			
			DATE MAILED: 09/01/2010			

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 99 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 99 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

	Application No.	Applicant(s)	
	10/581,320	BURMAN ET AL.	
Notice of Allowability	Examiner	Art Unit	
	ZEWDU BEYEN	2461	
The MAILING DATE of this communication app All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85 NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT R of the Office or upon petition by the applicant. See 37 CFR 1.31	S (OR REMAINS) CLOSED i) or other appropriate comm RIGHTS. This application is	in this application. If not included nunication will be mailed in due cour	se. THIS
1. This communication is responsive to <u>08/04/2010</u> .			
2. X The allowed claim(s) is/are <u>1-10,11,12,13-16,34,31,18,19</u> <u>26,27,28-31,and 32 respectively.</u> .	,21-26,20,27-30,and 32; rer	umbered as 1-10,12,11,13-16,17,1	<u>8,19,20,21-</u>
 Acknowledgment is made of a claim for foreign priority of a) All b) Some* c) None of the: None of the: Certified copies of the priority documents have: Certified copies of the priority documents have: Copies of the certified copies of the priority documents have: Copies of the certified copies of the priority documents have: Copies of the certified copies of the priority documents have: Copies of the certified copies of the priority documents have: Certified copies of the certified copies of the priority documents have: Applicant has THREE MONTHS FROM THE "MAILING DATE" noted below. Failure to timely comply will result in ABANDONITHIS THREE-MONTH PERIOD IS NOT EXTENDABLE. 	re been received. re been received in Application cuments have been receive " of this communication to fil	on No ed in this national stage application	
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/ZEWDU BEYEN/ Examiner, Art Unit 2461			

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with John Lastova on 08/24/2010.

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

- 1. (Currently Amended) A method of establishing a requested multimedia communication session over a given physical channel between a calling terminal and a called terminal having differentiated capabilities, comprising:
- determining common multimedia session parameters to be used by both the calling terminal and the called terminal during the <u>requested</u> multimedia <u>communication</u> session that define how multimedia information should be communicated and interpreted and which depend on multimedia communication capabilities of the calling and called terminals before the <u>requested multimedia communication</u> session can be executed,
- determining whether any common <u>multimedia</u> session parameters for a previous multimedia communication session between the calling and called terminals have been stored in both the calling and the called terminals in connection with said previous <u>multimedia communication</u> session, by using at least one available session key that has

been selected for said previous <u>multimedia communication</u> session and stored together with <u>said</u> session parameters for <u>said previous multimedia communication session</u>, and - if said common <u>multimedia</u> session parameters have been stored in both the calling and the called terminals, retrieving the stored common <u>multimedia</u> session parameters in each of the terminals by using said at least one session key in order to execute the requested <u>multimedia communication</u> session based on the retrieved session parameters, <u>wherein the common multimedia session parameters include multiplexing scheme</u> information indicating how plural information streams can be multiplexed in different ways into a single bitstream to be transmitted over a physical channel established between the terminals for the multimedia communication session.

- 2. (Previously Presented) A method according to claim 1, wherein the available session key or keys includes the telephone number of at least one of the two terminals.
- 3. (Previously Presented) A method according to claim 2, wherein the calling terminal uses the telephone number of the called terminal as the available session key to detect a match between that telephone number and a stored session key associated with stored session parameters.
- 4. (Previously Presented) A method according to claim 1, wherein the session keys include a primary session key and a corresponding secondary session key, wherein at least one of the terminals, having detected a match between the primary session key and a

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stored session key associated with stored session parameters, retrieves the corresponding secondary session key and sends it to the other terminal.

5. (Previously Presented) A method according to claim 4, wherein the secondary session key is used by the called terminal to retrieve the stored session parameters, even if no primary session key was available to the called terminal or if the called terminal had not detected any match between the primary session key and any stored session key.

6. (Currently Amended) A method according to claim 4, wherein the secondary session key is used to confirm that the stored session parameters have been used for a the previous multimedia communication session between the terminals.

- 7. (Currently Amended) A method according to claim 4, wherein the primary session key is the telephone number of at least one of the two terminals and the secondary session key is any identification associated with the previous <u>multimedia communication</u> session.
- 8. (Currently Amended) A method according to claim 7, wherein the secondary session key is a random number generated during a master-slave determination step of a session setup procedure for the previous <u>multimedia communication</u> session, in accordance with the ITU-T H.245 standard.

9. (Previously Presented) A method according to claim 8, wherein the sending terminal uses a Master-Slave Determination (MSD) message containing the random number to convey the secondary session key to the called terminal.

- 10. (Previously Presented) A method according to claim 9, wherein the MSD message includes an indication that the random number serves as a secondary session key.
- 11. (Previously Presented) A method according to claim 9, wherein, according to the ITU-T H.324 standard, a Terminal Capability Set (TCS) message is mandated as the very first message to be send in a session setup procedure, wherein the called terminal interprets the random number in the MSD message as a secondary session key, if no TCS message was received before receiving the MSD message.
- 12. (Currently Amended) A method according to claim 7, wherein the secondary session key is a separately defined code or sequence number assigned for the previous multimedia communication session.
- 13. (Previously Presented) A method according to claim 1, wherein an INVITE message is mandated as the first message to be sent in a session setup procedure according to the Session Initiation Protocol (SIP), wherein header field information of the INVITE message is used as session key(s).

14. (Currently Amended) A method according to claim 1, wherein each of the terminals store session parameters used during an executed session, together with at least one session key, in order to enable the use of stored session parameters in a previously presented new session.

15. (Previously Presented) A method according to claim 14, wherein each terminal also sends to the other terminal a message acknowledging its capability of using stored session parameters at a later session.

16. (Currently Amended) A method according to claim 1, wherein the requested multimedia communication session is a multimedia call requiring the transfer of separate media streams for at least audio and video.

17. Canceled.

18. (Currently Amended) A terminal according to claim 17 31, wherein the terminal is arranged to use the telephone number of the other terminal as available session key to detect a match between that telephone number and a stored session key associated with stored session parameters.

19. (Currently Amended) A terminal according to claim 17 31, wherein the available session key is a primary session key, and if a match is detected between the primary session key and a stored session key associated with stored session parameters, the

terminal is arranged to retrieve a corresponding secondary session key and send it to the other terminal, such that the secondary session key can be used by the called terminal to retrieve the stored session parameters, even if no primary session key was available to the called terminal, or if the called terminal have not detected any match between an available primary session key and any stored session key.

- 20. (Currently Amended) A terminal according to claim 17 31, wherein the available session key is a primary session key, and the terminal is arranged to receive from the other terminal a corresponding secondary session key, and use it to retrieve the stored session parameters by detecting a match between that secondary session key and a stored session key associated with the stored session parameters.
- 21. (Currently Amended) A terminal according to claim 19, wherein the terminal is arranged to use the secondary session key to confirm that the stored session parameters have been used for a the previous multimedia communication session between the terminals.
- 22. (Currently Amended) A terminal according to claim 19, wherein the terminal is arranged to use the telephone number of the other terminal as the primary session key and any identification associated with the previous <u>multimedia communication</u> session as the secondary session key.

23. (Currently Amended) A terminal according to claim 22, wherein the terminal is arranged to use as the secondary session key, a random number generated during a master-slave determination step of a session setup procedure for the previous <u>multimedia</u> communication session, in accordance with the ITU-T H.245 standard.

- 24. (Previously Presented) A terminal according to claim 23, wherein the terminal is arranged to use a Master-Slave Determination (MSD) message containing the random number, to convey the secondary session key.
- 25. (Currently Amended) A terminal according to claim 24, wherein the terminal is arranged to include in the MSD message, an indication that the random number serves as a secondary session key.
- 26. (Currently Amended) A terminal according to claim 22, wherein the terminal is arranged to use as the secondary session key, a separately defined code or sequence number assigned for the previous multimedia communication session.
- 27. (Currently Amended) A terminal according to claim47 31, wherein an INVITE message is mandated as the first message to be sent in a session setup procedure according to the Session Initiation Protocol (SIP), wherein the terminal is arranged to use header field information of the INVITE message as session key(s).

28. (Currently Amended) A terminal according to claim 17 31,, wherein the terminal is arranged to store session parameters used during an executed session, together with at least one session key, in order to enable the use of stored session parameters in a previously presented new session.

- 29. (Previously Presented) A terminal according to claim 28, wherein the terminal is arranged to also send to the other terminal a message acknowledging its capability of using stored session parameters at a later session.
- 30. (Currently Amended) A terminal according to claim 17 31, wherein the requested multimedia communication session is a multimedia call requiring the transfer of separate media streams for at least audio and video.
- 31. (Currently Amended) A terminal configured to establish a requested multimedia communication session with another terminal over a given physical channel, the terminals having differentiated capabilities, the terminal being configured to:

 determine common multimedia session parameters to be used by both terminals during the requested multimedia communication session that define how information should be communicated and interpreted and which depend on multimedia communication capabilities of the terminals before the requested multimedia communication session can be executed,

determine whether any common <u>multimedia</u> session parameters for a previous multimedia communication session between the terminals have been stored in the

terminal in connection with said previous <u>multimedia communication</u> session based on at least one available session key that has been selected for said previous <u>multimedia</u> <u>communication</u> session and stored together with <u>said</u> session parameters <u>for said previous</u> <u>multimedia communication session</u>, and

retrieve the stored common session parameters based on said at least one session key in order to execute the requested <u>multimedia communication</u> session based on the retrieved session parameters, provided that the other terminal also has successfully retrieved the same session parameters,

wherein the common multimedia session parameters include multiplexing scheme information indicating how plural information streams can be multiplexed in different ways into a single bitstream to be transmitted over a physical channel established between the terminals for the multimedia communication session.

32. (Currently Amended) A terminal according to claim 31, wherein the <u>common</u> <u>multimedia</u> session parameters include supported codec information regarding one or more codecs supported by each terminal and <u>multiplexing scheme information indicating</u> how plural information streams can be multiplexed in different ways into a single bitstream to be transmitted over a physical channel established between the terminals for the multimedia communication session.

33. Canceled.

34. (Currently Amended) A method according to claim 1, wherein the common

multimedia session parameters include supported codec information regarding one or

more codecs supported by each terminal and multiplexing scheme information indicating

how plural information streams can be multiplexed in different ways into a single

bitstream to be transmitted over a physical channel established between the terminals for

the multimedia communication session.

Claims 17 and 33 have been canceled

Allowable Subject Matter

Claims 1-16, 18-32, and 34 are allowed.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to ZEWDU BEYEN whose telephone number is (571)270-

7157. The examiner can normally be reached on 9:00am-6:00pm, M-F.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Huy Vu can be reached on 571-272-3155. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Z. B./

Examiner, Art Unit 2461

/Huy D Vu/

Supervisory Patent Examiner, Art Unit 2461